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JCS95 U.S. PTO

3M Office of Intellectual Property Counsel  
PO Box 33427  
St. Paul, Minnesota 55133-3427  
612/733 1500

**PATENT**

Docket No.

53634USA8A

**Transmittal of Patent Application - Rule 1.53(b)**

Assistant Commissioner for Patents  
Box: Patent Application  
Washington, D.C. 20231

Inventor(s): Thomas I. Insley and Raymond P. Johnston  
Title: MICROCHANNELED ACTIVE FLUID HEAT EXCHANGER

- ☒ Enclosed is the above-mentioned new patent application. It includes four (4) sheet(s) of drawings.
- ☒ Enclosed is an executed declaration or oath.
- ☒ Enclosed are an application assignment to Minnesota Mining and Manufacturing Company and a completed Assignment Recordation Cover Sheet.
- ☐ Enclosed is \_\_\_\_\_.
- ☒ The fee for filing the application is computed as follows:

Claims As Filed				
(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Basic Fee
Total Claims	30 -20 =	10	x \$22.	\$220
Independent Claims	3 -3 =	0	x \$82.	\$0
Additional fee for filing one or more multiple dependent claims			\$270.	\$0
Total amount due →				\$1010

- ☒ Please charge to Deposit Account 13-3723 any fees under 37 CFR 1.16 and 1.17 which may be required to file and during the entire pendency of this application. This authorization includes the fee for any extension of time under 37 CFR 1.136(a) that may be necessary. To the extent any such extension should become necessary it is hereby requested. A duplicate for fee processing is enclosed.

- ☒ Enclosed is a return receipt postcard

Registration Number	Telephone Number
32,642	612/336-3414
Date	
June 18, 1998	

Signature
<i>Mark W. Binder</i>
Print Name
Mark W. Binder

**Certificate of Express Mailing**

Pursuant to 37 CFR 1.10 I certify that this application is being deposited on the date indicated below with the United States Postal Service "Express Mail Post Office to Addressee" service addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Express Mail Mailing Label No.
TB 784 880 866 US
Date of Deposit
June 18, 1998

Signature of Person Mailing Application
<i>Mark W. Binder</i>
Printed Name of Person Mailing Application
Mark W. Binder